

Title (en)
DATA COLLECTING METHOD AND SYSTEM

Title (de)
DATENSAMMELVERFAHREN UND -SYSTEM

Title (fr)
PROCÉDÉ ET SYSTÈME DE COLLECTE DE DONNÉES

Publication
EP 3629052 A1 20200401 (EN)

Application
EP 19198736 A 20190920

Priority
KR 20180116177 A 20180928

Abstract (en)
The data collecting method includes: collecting first and second sensor data respectively through a first and a second sensors while a data collecting apparatus moves within a target area, and tagging a first and a second timestamp values respectively to the first and the second sensor data; generating map data of the target area and location data at a point of time corresponding to the first timestamp value, based on the first sensor data; generating map information of the target area based on the map data, and generating moving path information on the map based on the location data; and estimating a sensing location at a point of time corresponding to the second timestamp value based on the moving path information, and tagging the sensing location to the second sensor data.

IPC 8 full level
G01S 5/02 (2010.01); **G01S 5/16** (2006.01); **G01S 5/00** (2006.01); **G01S 13/06** (2006.01); **G05D 1/02** (2020.01)

CPC (source: CN EP KR US)
G01C 21/165 (2013.01 - CN); **G01C 21/20** (2013.01 - CN); **G01C 21/206** (2013.01 - EP KR); **G01S 5/02522** (2020.05 - CN EP KR US); **G01S 5/02525** (2020.05 - CN EP KR US); **G01S 5/16** (2013.01 - EP KR); **G01S 7/4808** (2013.01 - US); **G01S 11/12** (2013.01 - CN); **G01S 13/06** (2013.01 - KR); **G01S 15/93** (2013.01 - CN); **G01S 17/06** (2013.01 - CN); **G01S 17/87** (2013.01 - US); **G01S 17/89** (2013.01 - US); **G01S 17/93** (2013.01 - CN); **G01S 19/42** (2013.01 - CN); **G05D 1/0238** (2024.01 - EP KR); **G05D 1/0274** (2024.01 - EP KR); **G06T 7/246** (2016.12 - EP KR); **H04W 4/021** (2013.01 - US); **H04W 4/029** (2018.01 - US); **H04W 4/33** (2018.01 - US); **H04W 4/38** (2018.01 - US); **G01S 13/06** (2013.01 - EP); **G06T 2207/10028** (2013.01 - EP KR); **G06T 2207/30244** (2013.01 - EP KR)

Citation (applicant)
KR 20120029976 A 20120327 - KT CORP [KR]

Citation (search report)
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• [A] FARAGHER RAMSEY M ET AL: "Towards an Efficient, Intelligent, Opportunistic Smartphone Indoor Positioning System", NAVIGATION: JOURNAL OF THE INSTITUTE OF NAVIGATION, INSTITUTE OF NAVIGATION, FAIRFAX, VA, US, vol. 62, no. 1, 1 March 2015 (2015-03-01), pages 55 - 72, XP056009734, ISSN: 0028-1522, DOI: 10.1002/NAVI.76

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WO2023030559A1; WO2023011816A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3629052 A1 20200401; CN 110967711 A 20200407; JP 2020077372 A 20200521; JP 6842519 B2 20210317; KR 101948728 B1 20190215; US 11747477 B2 20230905; US 2020103529 A1 20200402

DOCDB simple family (application)
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